

...OCTOBER 2011 REGIONAL CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...

...COOL AND WET FOLLOWED BY WARM AND DRY...

OCTOBER 2011 STARTED OFF UNSEASONABLY COOL AND WET AS A COUPLE OF COLD UPPER TROUGHS DROPPED SOUTHEAST OUT OF THE GULF OF ALASKA AND ACROSS CALIFORNIA. PERIODS OF RAIN FELL ACROSS THE REGION FROM MONDAY THE 3RD THROUGH THURSDAY THE 6TH...WITH THE HEAVIEST RAIN OCCURRING ON THE 4TH AND 5TH. SEVERAL DAILY PRECIPITATION RECORDS WERE SET...WHICH ISN'T SURPRISING GIVEN THAT EARLY OCTOBER IS TYPICALLY A DRY TIME OF THE YEAR. NEARLY ALL OF THE RAIN THAT FELL DURING THE MONTH OF OCTOBER OCCURRED DURING THESE FOUR DAYS EARLY IN THE MONTH. RAINFALL TOTALS FROM THE 3RD THROUGH THE 6TH GENERALLY RANGED FROM 0.5 TO 1.5 INCHES AT LOWER ELEVATIONS...FROM 1.5 TO 3.0 INCHES IN THE HILLS...AND AS MUCH 4 TO 5 INCHES IN PORTIONS OF THE WETTER COASTAL MOUNTAIN RANGES.

A WEAK WEATHER SYSTEM BROUGHT LIGHT AMOUNTS OF RAIN TO THE REGION ON THE 10TH. TEMPERATURES WERE BELOW NORMAL DURING MOST OF THE FIRST TEN DAYS OF OCTOBER.

THE SECOND TWO-THIRDS OF OCTOBER WERE DRY WITH PERIODS OF OFFSHORE FLOW AND WARM TEMPERATURES. AN UPPER LEVEL RIDGE AMPLIFIED ALONG THE WEST COAST DURING THE 11TH AND 12TH. TEMPERATURES ROSE RAPIDLY ON THE 12TH AND SOME OF THE WARMEST WEATHER OF THE MONTH OCCURRED ON THE 13TH AND 14TH WHEN HIGH TEMPERATURES WERE MOSTLY IN THE 80S ACROSS THE REGION. ANOTHER BRIEF WARM-UP OCCURRED A FEW DAYS LATER ON THE 17TH. THE WEEKEND OF THE 22ND AND 23RD WAS VERY WARM AND DRY...WITH CONDITIONS AT OR NEAR THE WARMEST OF THE MONTH. BY NOW...THE WETTING RAINS FROM EARLY IN THE MONTH NO LONGER HAD MUCH IMPACT IN REDUCING WILDFIRE DANGER. SO...WHEN A DRY UPPER TROUGH PASSED ON THE 25TH AND KICKED UP SOME GUSTY NORTH WINDS ON THE 25TH AND 26TH...RED FLAG WARNINGS WERE ISSUED FOR THE NORTH AND EAST BAY HILLS.

TEMPERATURES SETTLED A LITTLE ABOVE NORMAL DURING THE FINAL FIVE DAYS OF THE MONTH AS A BROAD UPPER RIDGE REMAINED IN PLACE NEAR THE WEST COAST.

THE UNSEASONABLY COOL TEMPERATURES EARLY IN THE MONTH WERE OFFSET BY THE GENERALLY WARM CONDITIONS DURING THE SECOND TWO-THIRDS OF OCTOBER. AVERAGE TEMPERATURES FOR THE MONTH WERE CLOSE TO NORMAL AT MOST CLIMATE STATIONS. STATIONS THAT WERE SLIGHTLY WARMER THAN OUTNUMBERED THOSE THAT WERE SLIGHTLY BELOW NORMAL.

...OCTOBER REGIONAL TEMPERATURE SUMMARY...

LOCATION	AVG HIGH	NORMAL HIGH	DEPARTURE FROM NORMAL	AVG LOW	NORMAL LOW	DEPARTURE FROM NORMAL
NORTH BAY...						
HEALDSBURG	74.4	76.8	-2.4	49.4	48.7	0.7
KENTFIELD	73.3	74.1	-0.9	50.9	49.6	1.3
NAPA AIRPORT	75.5	74.1	1.4	46.2	43.1	3.1
SANTA ROSA AP	75.7	76.4	-0.7	47.5	45.0	2.5
SONOMA	75.5	77.4	-1.9	48.0	46.8	1.2
SAN FRANCISCO PENINSULA...						
HALF MOON BAY	67.9	65.6	2.3	50.1	46.9	3.2
PALO ALTO	75.5	74.0	1.5	48.7	48.1	0.6
REDWOOD CITY	75.1	74.2	0.9	51.5	49.9	1.6
SAN FRANCISCO AIRPORT	71.3	70.4	0.9	54.8	53.2	1.6
SAN FRANCISCO DOWNTOWN	70.6	69.2	1.4	56.1	53.7	2.4
EAST BAY...						
BERKELEY	73.4	72.5	0.9	52.7	51.5	1.2
CONCORD AIRPORT	76.7	76.7	0.0	52.5	51.1	1.4
FREMONT	73.3	72.8	0.5	52.3	51.7	0.6
HAYWARD AIRPORT	72.8	71.5	1.3	54.7	53.6	1.1
LIVERMORE AP	77.4	76.4	1.0	50.4	49.5	0.9
MARTINEZ	74.8	75.9	-1.1	45.2	45.8	-0.6
MOUNT DIABLO JUNCTION	70.4	73.5	-3.1	53.8	51.6	2.2
NEWARK	73.1	72.7	0.4	55.1	53.7	1.4
OAKLAND	73.1	71.7	1.4	55.5	54.4	1.1
OAKLAND AIRPORT	73.7	69.7	4.0	54.0	51.3	2.7
SOUTH BAY AND SANTA CRUZ COUNTY...						
GILROY	78.9	78.9	0.0	50.8	48.5	2.3
LOS GATOS	74.7	74.6	0.1	50.4	48.8	1.6
MOFFETT FIELD	76.4	73.4	3.0	56.2	53.8	2.4
MOUNT HAMILTON	64.5	64.6	-0.1	53.4	51.7	1.7
SAN JOSE	75.7	74.0	1.7	53.7	52.5	1.2
SANTA CRUZ	73.2	73.2	0.0	50.9	49.5	1.4
WATSONVILLE	73.8	72.2	1.6	51.5	48.4	3.1
WATSONVILLE AP	73.9	72.3	1.6	51.3	48.3	3.0
MONTEREY AND SAN BENITO COUNTIES...						
HOLLISTER	75.8	77.0	-1.2	48.8	47.4	1.4
KING CITY	78.9	79.8	-0.9	48.3	46.0	2.3
MONTEREY	70.2	68.2	2.0	53.2	50.8	2.4
MONTEREY AIRPORT	69.0	67.2	1.8	52.1	50.1	2.0
SALINAS AIRPORT	74.6	72.7	1.9	52.6	49.7	2.9

...OCTOBER REGIONAL PRECIPITATION SUMMARY...

NOTE: ONLY CLIMATE STATIONS WITH MEASURABLE RAINFALL DURING THE MONTH ARE LISTED.

LOCATION	OCT TOTAL	NORMAL OCT PRECIP	PERCENT OF NORMAL
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NORTH BAY...

CALISTOGA	2.56	2.11	121
CLOVERDALE	3.33	2.12	157
HEALDSBURG	2.86	2.20	130
KENTFIELD	2.54	2.26	112
MUIR WOODS	2.69	1.98	136
NAPA	1.33	1.48	90
NAPA AIRPORT	1.16	0.97	120
OCCIDENTAL	3.91	2.87	136
PETALUMA AIRPORT	2.06	1.43	144
SAINT HELENA	2.25	1.85	122
SANTA ROSA	2.07	1.73	120
SONOMA COUNTY AP	1.83	2.03	90
SONOMA	1.37	1.64	84

SAN FRANCISCO PENINSULA...

HALF MOON BAY	2.26	1.56	145
PACIFICA	1.58	1.64	96
PALO ALTO	1.25	0.76	164
REDWOOD CITY	0.97	1.06	92
SAN FRANCISCO AIRPORT	1.18	0.95	124
SAN FRANCISCO DOWNTOWN	1.38	1.12	123

EAST BAY...

BERKELEY	2.00	1.37	146
CONCORD	0.78	0.82	95
CONCORD AIRPORT	0.72	0.87	83
FREMONT	0.84	0.85	99
HAYWARD AIRPORT	0.95	1.00	95
LIVERMORE	1.06	0.85	125
LIVERMORE AIRPORT	1.07	0.92	116
MARTINEZ	0.78	0.98	80
MOUNT DIABLO JUNCTION	1.51	1.42	106
NEWARK	1.38	0.81	170
OAKLAND	1.33	1.37	97
OAKLAND AIRPORT	1.69	1.20	141

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	3.15	2.35	134
GILROY	0.45	0.92	49
LOS GATOS	0.88	1.01	87
MOFFETT FIELD	1.00	0.64	156
MOUNT HAMILTON	2.15	1.42	151
SAN JOSE	0.77	0.80	96
SANTA CRUZ	2.63	1.45	181
WATSONVILLE	1.87	1.10	170
WATSONVILLE AP	1.91	0.92	208

MONTEREY AND SAN BENITO COUNTIES...

CARMEL VALLEY	1.67	0.93	180
HOLLISTER	0.75	0.69	109
KING CITY	0.46	0.63	73
MONTEREY	1.46	1.06	138
MONTEREY AIRPORT	2.16	0.93	232
SALINAS	1.49	0.64	233
SALINAS AIRPORT	1.47	0.58	253

...DAILY TEMPERATURE RECORDS FOR OCTOBER 2011...

		RECORD MAXIMUM TEMP	PREVIOUS RECORD
10/17	OAKLAND AIRPORT	84	84 IN 2008
10/22	OAKLAND AIRPORT	94	83 IN 2008

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE.....70.6.....29TH WARMEST OUT OF 136 YEARS
 AVERAGE LOW TEMPERATURE.....56.1.....10TH WARMEST OUT OF 136 YEARS
 PRECIPITATION..... 1.38 IN....44TH WETTEST OUT OF 161 YEARS

...MONTHLY EXTREMES FOR SELECT LOCATIONS...

LOCATION	WARMEST DAY(S)	COOLEST DAY(S)	WETTEST DAY(S)
SANTA ROSA AIRPORT	10/13 10/14 88 DEG	10/26 36 DEG	10/05 0.80 IN
SAN FRANCISCO	10/14 85 DEG	10/26 50 DEG	10/06 0.47 IN

SAN JOSE	10/17	10/27	10/05
	87 DEG	46 DEG	0.28
SALINAS AIRPORT	10/13 10/23	10/27	10/05
	92 DEG	44 DEG	1.00 IN

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL
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